Textbook Alignment to the Utah Core – Eighth Grade Integrated Science

This alignment has been completed using an "Independent Alignment Vendor" from the USOE approved list	
(<u>www.schools.utah.gov/curr/imc/indvendor.html.</u>) Yes x No	
Name of Company and Individual Conducting Alignment:	
Jennifer Coker, Nanette Kalis, Deborah Fogel	
A "Credential Sheet" has been completed on the above company/evaluator and is (Please check one of the following):	
X On record with the USOE.	
☐ The "Credential Sheet" is attached to this alignment.	
The Creation Sheet is attached to this angument.	
Instructional Materials Evaluation Criteria (name and grade of the core document used to align): Eighth Grade Integrated Sci	ionco
Core Curriculum	CHCC
Core Currentum	
Title: Ecology (E), Earth Materials and Processes (F), The Changing Surface of Earth (G), The Water Planet (H)	
The Air Around You (I), Astronomy (J), The Nature of Matter (K), Chemistry (L), Motion, Forces, and Energy (M)	
Electricity and Magnetism (N), Waves, Sound and Light (O) © 2008)	
ISBN#: <u>0078778204, 0078778220, 0078778247, 0078778263, 007877828X, 0078778301, 0078778328, 0078778344,</u>	
<u>0078778360, 0078778387, 0078778409</u>	
	
Publisher: Glencoe/McGraw-Hill	

Overall po	ercentage of coverage in the Student Edition (S	E) and	Teacher Edition (TE) of the Utah S	State Core Curriculum:	0/0			
Overall percentage of coverage in ancillary materials of the Utah Core Curriculum:								
STANDA	RD I: Students will understand the nature of cha	nges in	matter.					
	ge of coverage in the student and teacher Standard I:		entage of coverage not in student or lary material for Standard I:		ered in the			
OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔			
	1.1: Describe the chemical and physical of various substances.							
a.	Differentiate between chemical and physical	Stude	ent Edition:					
	properties.	(E)	44-45, 103					
			MiniLab 103					
		(F)	42					
		(K)	72-76					
			Chapter 3 Study Guide 91					
			Lab 77					
			Section 1 Review 76 #4					
		Teac	her Wraparound Edition:					
		(E)	AS 103; LD 104; QD 45; SJ 45					
		(K)	As 76; BI 70; D 73; DI 73; R 76, 87; SCB 70E;SJ 75; TPK 78; VL 73					

OBJECT	OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
b.	Classify substances based on their chemical and physical properties (e.g., reacts with water, does not react with water, flammable or nonflammable, hard or soft, flexible or nonflexible, evaporates or melts at room temperature).	(E) (F) (G) (J) (K)	ent Edition: MiniLab 103 12, 14-18, 42-43,47-48, 50-54 Lab 44, 56-57 Launch Lab 7 MiniLab 9, 18, 50 National Geographic 10 Lab 49 114-119 Lab 77 Launch Lab 71 Mini Lab 74 cher Wraparound Edition: AS 103; LD 104 A 18; AIL 26, 56; TFYI 10 As 74; R 87		

OBJECT	OBJECTIVES & INDICATORS		CTIVES & INDICATORS Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	Investigate and report on the chemical and	Stud	ent Edition:			
	physical properties of a particular substance.	(E)	44-45			
			MiniLab 103			
		(F)	14-18, 19-25, 163-165			
			Applying Science 16			
			Lab 26-27			
		(H)	8-14, 101-102			
			Launch Lab 7			
		(I)	8-15			
		(K)	Communicating Your Data 77			
			Lab 77			
		Teac	her Wraparound Edition:			
		(E)	AS 103; LD 104; SJ 45; QD 45			
		(F)	CC 15; DI 11, 17; IL 163; LD 16, 166; QD 17, 41; SCB 6E; SJ 24			
		(I)	SCB 6E			
		(K)	As 77			

OBJECTIVES & INDICATORS Objective 1.2: Observe and evaluate evidence of		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
chemical a	and physical change.				
a.	1 3	Stud	ent Edition:		
change (e.g., change in shape, size, phase).	(E)	44-45			
			Caption Question 45		
		(F)	37, 45, 50-54		
		(G)	37-38		
		MiniLab 40			
		(H)	9		
			Lab 9		
			Science Online 9		
		(I)	19, 30 #61		
			Launch Lab 35		
		(K)	78-79		
			Figure 7 78		
			Figure 9 79		
			National Geographic 86		
			Section 2 Review 87 #1		
		(L)	36		
			Figure 1 36		
			<i>Lab</i> 53		
	Teac	her Wraparound Edition:			
		(E)	SJ 45; QD 45		
		(G)	A 41; CC 38; CFU 41;		

OBJECT	OBJECTIVES & INDICATORS				overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
a.	Continued from the cell above. Identify observable evidence of a physical change (e.g., change in shape, size, phase).	(G) (H) (K)	inued from the cell above. R 41; TFYI 37; VL 38 IL 24 A 86; CU 87; DI 81;MM 79; NG 86; QD 80; R 87				
b.	Identify observable evidence of a chemical change (e.g., color change, heat or light given off, change in odor, gas given off).	(E) (F) (G) (J) (K)	ent Edition: 37 MiniLab 103 37, 46, 52-53, 67-68 39-41 Design Your Own Lab 54-55 MiniLab 40 Science Online 39 109, 115 80-84 Figure 16 84 Integrate Life Science 81 Mini Lab 81 Section 2 Review 87 #2 36 Figure 1 36				

OBJECTI	CTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
Identify observable avidence of a chemical		nued from the cell above.			
	change (e.g., color change, heat or light given	Stude	ent Edition:		
off, change in odor,	(L)	Lab 53			
	gas given off).		National Geographic 37		
		Teach	ner Wraparound Edition:		
		(E)	LD 104; QD 52		
		(F)	SCB 34E-F		
		(G)	A 41; CFU 41; QD 41; R 41; UAA 39		
		(K)	A 86; As 81; CU 87; D 81; DI 81; IM 85; R 87		

OBJECT	OBJECTIVES & INDICATORS		COVERAGE INDICATORS Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)			Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	Observe and describe chemical reactions involving atmospheric oxygen		ent Edition:				
	(e.g., rust, fire, respiration, photosynthesis).	(E)	20-21, 37, 49, 50				
	(e.g., russ, me, respiration, photosynthesis).		Chapter Review 58 #10				
			Science Online 49				
		(G)	40, 163				
		(H)	135				
		(I)	14-15, 102				
			Integrate Life Science 14				
		(L)	Figure 8 44				
			Table 1 39				
		Teac	her Wraparound Edition:				
		(E)	QD 37, 52				
		(F)	SCB 64E				
		(G)	SCB 34E				
		(H)	SCB 98E; TFYI 137				
		(I)	A 102; MM 14				
		(L)	D 44; VL 44				

OBJECT	BJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)			Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
d.	Investigate the effects of chemical change on physical properties of substances (e.g., cooking a raw egg, iron rusting, polymerization of a resin).	Stud (E) (F) (G)	ent Edition: 105 40-43, 45-48, 68 39-41 Design Your Own Lab 54-55 Launch Lab 35 MiniLab 40 Science Online 39 Lab 50	(titles, pg #'s, etc.)	ancillaries 🗸		
		(H) (K)	Design Your Own Lab 88-89 Figure 13 & 14 82 Figure 17 85 Integrate Life Science 81 Science Stats 90 Section 2 Review 87 #2				
		Teac (E) (F) (G) (I) (K) (L)	Cher Wraparound Edition: QD 52 ACT 68; LD 16; D 53; VL 68 CC 40; QD 41; R 41 LD 82 DI 85; VL 82 IM 34F; NG 37				

OBJECT	IVES & INDICATORS	C	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓		
increasing physical or added to the	ive 1.3: Investigate and measure the effects of ing or decreasing the amount of energy in a all or chemical change, and relate the kind of energy to the motion of the particles. a. Identify the kinds of energy (e.g., heat, light, sound) given off or taken in when a substance undergoes a chemical or physical change.		r chemical change, and relate the kind of energy he motion of the particles. Identify the kinds of energy (e.g., heat, light, sound) given off or taken in when a substance undergoes a	Stud (E) (F) (H) (I)	ent Edition: 20, 37, 38, 50-51, 96-100 Integrate Earth Science 51 National Geographic 101 73-75, 76-81 Integrate Chemistry 138 Lab 15 Launch Lab 35 MiniLab 19	(titles, pg #'s, etc.)	ancillaries 🗸
		(J) (K) (L) Teac (E) (F)	109, 115-119 82 Figure 14 82 42-45 Cher Wraparound Edition: IC 21; QD 52; TFYI 52; VSE 101 IL 79; LD 78; QD 77; SCB 64E; TFYI 127; VL 80 A 15				

OBJECT	OBJECTIVES & INDICATORS		OBJECTIVES & INDICATORS		JECTIVES & INDICATORS Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)			Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
a.		Conti	nued from the cell above.						
	Identify the kinds of energy (e.g., heat, light,	Teac	her Wraparound Edition:						
	sound) given off or taken in when a substance undergoes a chemical or physical change.	(I)	QD 72						
	and rigors a chemical of physical change.	(J)	LD 116						
		(K)	TFYI 82						
		(L)	D 43; IM 42; SJ 44; TFYI 43						
b.	Relate the amount of energy added or taken	Stude	ent Edition:						
	away from a substance to the motion of molecules in the substance.	(E)	44-45						
	molecules in the substance.	(F)	11, 40-42						
			Integrate Chemistry 43						
		(H)	9-10						
		(I)	18-19						
		(K)	46						
			Integrate Physics 46						
		(L)	48-49						
		(M)	162-165						
		Teac	her Wraparound Edition:						
		(E)	QD 45; SJ 45						
		(H)	A 15; TFYI 11; VL 9						
		(I)	UAA 18						
		(K)	IP 46						
		(M)	IL 163						

OBJECT	OBJECTIVES & INDICATORS		CTIVES & INDICATORS Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	1	Stud	ent Edition:			
	the states of water and changes in its temperature.	(E)	44-45			
	temperature.	(H)	9-10, 33 #15			
			Lab 15			
		(I)	MiniLab 38			
		(K)	Communicating Your Data 53			
			Lab 53			
		Teac	her Wraparound Edition:			
		(E)	QD 45; SJ 45			
		(K)	As 53; CYD 53			
d.	Cite evidence showing that heat may be given	Stud	ent Edition:			
	off or taken in during a chemical change (e.g.,	(E)	20, 38, 50, 52-53			
	striking a match, mixing vinegar and antacid, mixing ammonium chloride and water).	(F)	40-42, 46, 73-74, 79-81			
	mixing animomum emoride and water).	(G)	40-41			
			Design Your Own Lab 54-55			
		(J)	109, 115-116			
		(K)	82			
		(L)	42-45			
			Figure 1 36			
		Teac	her Wraparound Edition:			
		(E)	QD 52			
		(F)	QD 77; VL 80			
		(K)	IL 82			
		(L)	SJ 42, 44; TFYI 43			

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.	Plan and conduct an experiment, and report the	Stude	ent Edition:		
	effect of adding or removing energy on the	(E)	<i>Lab</i> 111		
	chemical and physical changes.		Lab: Model and Invent 116-117		
		(F)	111		
			Lab 13		
			MiniLab 111		
		(G)	Design Your Own Lab 54-55, 82-83		
		(H)	Lab 15		
			MiniLab 11		
		(I)	Design Your Own Lab 26-27		
			Lab 85		
			Launch Lab 35		
			MiniLab 19		
		(J)	<i>Lab</i> 60-61		
		(L)	Design Your Own Lab 54-55		
		Teac	her Wraparound Edition:		
		(E)	AS 117; QD 52		
		(F)	IL 163		
		(G)	AIL 83		
		(H)	IL 24; LD 13		
		(I)	QD 72		
		(L)	AIL 54; As 55; CYD 55		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
	1.4: Identify the observable features of				
chemical re	eactions.				
a.	Identify the reactants and products in a given	Stud	ent Edition:		
	chemical change and describe the presence of the same atoms in both the reactants and	(E)	20, 37, 49, 50-51		
	products.		Chapter Review 58 #10		
	products		Integrate Chemistry 21		
			Science Online 49		
		(I)	14, 97, 102		
			MiniLab 106		
		(J)	115-116		
		(L)	40-41		
			Applying Math 42		
			Chapter 2 Review 58 #16		
			Section 1 Review 45 #1		
		Teac	her Wraparound Edition:		
		(E)	IC 21		
		(I)	LD 82; MM 14		
		(L)	A 41; CU 45; DI 41; SCB 34E		

OBJECTI	JECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
b.	Cite examples of common significant chemical	Stude	ent Edition:		
	reactions (e.g., photosynthesis, respiration, combustion, rusting) in daily life.	(E)	20-21, 37, 38, 50, 52-53, 96, 98, 105		
			Integrate Chemistry 21		
		(F)	11, 41, 73-75, 79-81		
			Integrate Physics 11		
		(G)	39-41, 163		
			Science Online 39		
		(H)	85-89, 135		
		(I)	14-15		
		(J)	96-102, 109, 115-116		
		(L)	Figure 8 44		
			Figure 1951		
			Integrate Health 49		
			Integrate Life Science 39		
			Table 1 39		
		(M)	National Geographic 171		
		(N)	Integrate Chemistry 17		
		Teac	her Wraparound Edition:		
		(E)	IC 21; QD 37, 52; TFYI 106		
		(F)	SCB 34E-F		
		(G)	A 41; CC 40; R 41; SCB 34E		
		(H)	IM 136; TFYI 137		
		(L)	As 52; D 44; DI 39; ILS 39; R 52		

OBJECTI	OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	Demonstrate that mass is conserved in a	Stud	ent Edition:		
	chemical reaction (e.g., mix two solutions that result in a color change or formation of a precipitate and weigh the solutions before and after mixing).	(E)	51		
			<i>Lab</i> 54-55		
		(F)	39		
			Section Review 39		
		(L)	Mini Lab 40		
			cher Wraparound Edition:		
		(E)	DIF 51		
		(L)	DI 41		
d.	Experiment with variables affecting the	Student Edition:			
	relative rates of chemical changes (e.g.,	(F)	Lab 12		
	heating, cooling, stirring, crushing, concentration).	(G)	Design Your Own Lab 54-55		
	concentration).		MiniLab 40		
		(L)	Mini Lab 74		
		Teac	cher Wraparound Edition:		
		(G)	UAA 39		
		(L)	A 48; IL 49; LD 51; QD 49		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.	Research and report on how scientists or engineers have applied principles of chemistry to an application encountered in daily life (e.g., heat-resistant plastic handles on pans, rust-resistant paints on highway bridges).	(E) (F) (H) (J) (K) (L)	ent Edition: 99-100 National Geographic 101 Time: Science and Society 86 73-75, 79-81 Science and History 28 102-103 Integrate Life Science 10 8-13, 29 National Geographic 86 51, 69 Figure 6 69 Figure 19 51 Mini Lab 50 Time Science and Society 118 Figure 6 70 Integrate Chemistry 17, 70 her Wraparound Edition: VSE 101 CC 15; DI 21; SJ 24 SCB 6F A 86 As 50; DI 69, 80 IC 17		

STANDARD II: Students will understand that energy froganisms, and that changing the environment may alter Percentage of coverage in the student and teacher edition for Standard II: %		rom sunlight is changed to chemical energy in plants, transfers between living er the amount of energy provided to living organisms. Percentage of coverage not in student or teacher edition, but covered in the ancillary material for Standard III: %				
OBJECTIVES & INDICATORS Objective 2.1: Compare ways that plants and animals obtain and use energy.		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓	
a.	1	(E) (G) (H) (M)	ent Edition: 20, 37, 38, 49, 50 Science Online 49 163 135 Section Review 142 140 her Wraparound Edition: TFYI 137 D 44 SCB 124E; SJ 129			

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
b.	Explain how respiration in animals is a process	Stude	ent Edition:		
	that converts food energy into mechanical and	(E)	21, 37, 38, 49, 51		
	heat energy.		Science Online 49		
		(M)	129		
		Teach	ner Wraparound Edition:		
		(H)	IM 136		
		(M)	DI 129		
c.	Trace the path of energy from the sun to	Stude	ent Edition:		
	mechanical energy in an organism	(E)	20-21, 37, 38, 49, 50, 51-53		
	(e.g., sunlight - light energy to plants by photosynthesis to sugars - stored chemical	(H)	46, 135-137		
	energy to respiration in muscle cell - usable	(M)	131		
	chemical energy to muscle contraction-		Blowing Off Steam 124		
	mechanical energy).		Figure 8 131		
		Teacl	ner Wraparound Edition:		
		(H)	TFYI 137		
		(M)	AP 124; TPK 131		

OBJECT	IVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
•	2.2: Generalize the dependent relationships			
between or				
a.	1	Student Edition:		
	organisms (i.e., producer/consumer/decomposer, predator/prey, mutualism/parasitism) and provide examples of each.	(E) 20-21, 22, 24, 51		
		Chapter Review 31 #27, #32		
		Section Review 24 #2		
		(H) DI 140; TFYI 146		
		(I) DI 76		
		An example of plants being beneficial to		
		humans. (L)		
		(L) Time Science and Society 118		
		(M) Integrate Life Science 133		
		Teacher Wraparound Edition:		
		(E) AS 24; DIF 51; UAA 22		
		(L) CB 118		
b.	Use models to trace the flow of energy in food	Student Edition:		
	chains and food webs.	(E) 21, 51-52		
		Chapter Review 31 #25, 31 #30		
		(H) 135-136		
		Applying Skills 142		
		Teacher Wraparound Edition:		
		(E) AC 51; DI 51; DIF 51; MAM 22; VL 23		
		(H) MM 136; VL 136		

OBJECT	IVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
c.	Formulate and test a hypothesis on the effects of air, temperature, water, or light on plants (e.g., seed germination, growth rates, seasonal adaptations).	Student Edition: (E) Launch Lab 63 MiniLab 135 Section Review 49 #5 (I) 121 #29 Teacher Wraparound Edition: (H) IL 83		
d.	Research multiple ways that different scientists have investigated the same ecosystem.	Scientists can study the same ecosystem from a variety of different perspectives: population biology, biodiversity measures, food web analysis, ecosystem vs. community level, etc. (E)		
		Student Edition: (E) 9-11, 13-14, 20-24, 51-53, 126 Applying Math 129 (G) The Nature of Science 4-5 (L) Investigate 118 Time Science and Society 118 Teacher Wraparound Edition: (E) DIF 22; IL 14; LD 14; RT 11 (L) CB 118; I 118		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
	2.3: Analyze human influence on the capacity				
of an envir	ronment to sustain living things.				
a.	<u> </u>	Stude	ent Edition:		
have changed the capacity of an environment to support specific life forms (e.g., people create wetlands and nesting boyes)	(E)	96, 97, 103, 107-109,130-131, 133-136, 138			
	(e.g., people create wetlands and nesting boxes that increase the number and range of wood ducks, acid rain damages amphibian eggs and		Lab 137		
			Launch Lab 125		
reduces population of frogs, clear cutting		MiniLab 133			
	forests affects squirrel populations, suburban sprawl reduces mule deer winter range thus		National Geographic 133		
	decreasing numbers of deer).		Section Review 136 #4		
	decreasing numbers of decry.	(G)	50-53		
			Integrate History 77		
			The Nature of Science 2-5		
		(H)	54-57, 76-84, 143-147		
		(I)	96-102, 107-110		
			Applying Skills 110		
		(K)	Applying Science 49		
		(L)	National Geographic 80		
		(M)	141, 167		
			Integrate Life Science 167		
			Time Science and Society 176		

OBJECT	IVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
a.	Continued from the cell above. Describe specific examples of how humans have changed the capacity of an environment to support specific life forms (e.g., people create wetlands and nesting boxes that increase the number and range of wood ducks, acid rain damages amphibian eggs and reduces population of frogs, clear cutting forests affects squirrel populations, suburban sprawl reduces mule deer winter range thus decreasing numbers of deer).			
b.	Distinguish between inference and evidence in a newspaper or magazine article relating to the effect of humans on the environment.	Teacher Wraparound Edition: (E) CC 106; IH 136; SJ 131 (G) You Do It 5 (O) A 15		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	Infer the potential effects of humans on a specific food web.	(E) (G) (H) (I) (M) Teacl (E) (H) (I)	ent Edition: 51-52 Lab 76 Integrate Careers 51 143-147 107-110, 123 #11-12 Integrate Life Science 167 her Wraparound Edition: SJ 130; VL 52 CFU 147; DIS 146; QD 144; SCB 34F A 110; DI 107; IL 108; QD 107; VL 107, 109		
d.	Evaluate and present arguments for and against allowing a specific species of plant or animal to become extinct, and relate the argument to the of flow energy in an ecosystem.	(E) (I) (M)	ILS 82 ent Edition: 128-131 115 140 Figure 17 140 her Wraparound Edition: DI 130; SJ 130; UAA 130 TS 149		

STANDAI	RD III: Students will understand the processes of	f rock a	and fossil formation.		
_	ge of coverage in the <i>student and teacher</i> Standard III:%	Percentage of coverage not in student or teacher edition, but covered in the ancillary material for Standard IV:%		overed in the	
OBJECTI	IVES & INDICATORS	C	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
_	3.1: Compare rocks and minerals and describe				
how they a					
a.	a. Recognize that most rocks are composed of	Stud	ent Edition:		
	minerals.	(E)	95		
		(F)	36, 63 #10		
			Launch Lab 7, 35		
		(K)	Integrate Earth Science 29		
			Launch Lab 71		
		(L)	Figure 4 67		
			Integrate Environment 67		
		Teac	her Wraparound Edition:		
		(F)	A 7; R 39; SCB 34E-F		

OBJECT	IVES & INDICATORS		verage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
b.			nt Edition:		
	rocks (e.g., shape, color, luster, texture,	(F)	8-12, 14-18, 20-21		
	hardness).		Applying Science 16		
			Lab 26-27		
			MiniLab 18		
		(K)	Launch Lab 71		
		Teache	er Wraparound Edition:		
		` '	A 18, 27; AIL 16; LD 16; QD 17; R 18; SCB 6E; UAA 17		
		(K)	A 71		
c.		Studen	nt Edition:		
	metamorphic, or igneous.	(F)	40-43, 45-48, 49-55		
			Lab 44, 56-57		
			Science Online 42, 46		
		(K)	Launch Lab 71		
		Teache	er Wraparound Edition:		
		` ′	A 48, 57; AIL 56; DI 37, 41, 42; R 43, 55; SCB 34E-F		

OBJECT	IVES & INDICATORS	С	overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
	3.2: Describe the nature of the changes that ergo over long periods of time.				
a.	Diagram and explain the rock cycle.	Stude	ent Edition:		
		(F)	36-39, 40-42, 45-48, 49-55		
			Get Ready to Read 36A-B		
			MiniLab 37		
			National Geographic 38		
		Teac	her Wraparound Edition:		
		(F)	A 55; CFU 39; SCB 34E-F; SJ 51; TBI 34		
b.	Describe the role of energy in the processes	Stude	ent Edition:		
	that change rock materials over time.	(F)	37, 40-43, 45-46, 50-51		
			National Geographic 38		
		(G)	36-41		
			Design Your Own Lab 54-55		
			MiniLab 40		
		(M)	140		
			Integrate Earth Science 140		
		Teac	her Wraparound Edition:		
		(F)	DIS 46; SCB 34E-F; SJ 51; UAA 46; V 38; VL 46		
		(G)	DIS 38; IM 34F		

OBJECT	IVES & INDICATORS	С	overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.		Stud	ent Edition:		
	changes the surface of Earth.	(E)	109		
			Integrate Earth Science 74		
			Launch Lab 93		
			MiniLab 96		
		(G)	50-53, 64-68, 69-74, 76-81, 92-102, 107-108, 109-112		
			Design Your Own Lab 82-83		
			Lab 75		
			Launch Lab 91		
			MiniLab 65		
		Teac	her Wraparound Edition:		
		(E)	IES 74; TFYI 109		
		(G)	A 65, 68; ACT 95; IL 66; IM 62F; SCB 62E, 90E-F		
d.	Relate gravity to changes in Earth's surface.	Stud	ent Edition:		
		(G)	64-68, 93		
			Integrate Physics 67		
			Section Review 68		
		(H)	71-73		
		(M)	43-44		
		Teac	her Wraparound Edition:		
		(G)	SCB 62E; TFYI 65		

OBJECT	IVES & INDICATORS	Co	overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.	,	Stude	ent Edition:		
	formation.	(E)	38		
		(G)	41, 42-48		
			MiniLab 44		
		Teacl	her Wraparound Edition:		
		(G)	ACT 43; CFU 48; DIS 45; FF 43; IM 47; V 43		
f.	Describe and model the processes of fossil	Student Edition:			
	formation.	(G)	124-131		
			Applying Skills 131		
			Get Ready to Read 124A-B		
			Launch Lab 121		
			MiniLab 125		
			Model and Invent Lab 144-145		
		(M)	140		
		` ′	her Wraparound Edition:		
		(G)	A 123, 125; AR 126; CC 127; DI 125; IM 126; LD 163; MM 129, 157; QD 128; R 131; TFYI 126; UAA 127; VL 127		

OBJECTI	IVES & INDICATORS	Coverage in Student Edition(SE, Teacher Edition (TE) (pg #'s		Not covered in TE, SE or ancillaries ✔
Objective	3.3: Describe how rock and fossil evidence is			
used to inf	er Earth's history.			
a.	1	Student Edition:		
	produces layering of sedimentary rocks over	(F) 49-55, 61		
	time.	Applying Math 54		
		(G) 64-65, 70-71, 79-81, 101	1-102	
		(M) Figure 17 140		
		Teacher Wraparound Edition	:	
		(F) DIS 51		
		(G) CC 71; LD 70		
b.	Identify the assumptions scientists make to	Student Edition:		
	determine relative ages of rock layers.	(G) 132-137		
		Get Ready to Read 124A	A-B	
		<i>Lab</i> 138		
		Teacher Wraparound Edition	:	
		(G) A 137, 138; CFU 131, 1 IM 122F; R 137; SCB 1: TBI 122; TFYI 136; TPI	22E;	

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
c.	Explain why some sedimentary rock layers may not always appear with youngest rock on top and older rocks below (i.e., folding, faulting).	(G)	ent Edition: 134, 149 #23, 151 #21 Lab 138 National Geographic 135 her Wraparound Edition:		
		(G)	ACT 135; DI 134; DIS 134; FF 133; R 137; V 135; VL 134		
d.	Research how fossils show evidence of the changing surface of the Earth.	(E) (F) (G)	ent Edition: 130 99-100 MiniLab 100 124-131, 149 #25, 151 #28 Get Ready to Read 124A-B Section Review 131 Science Online 136 140 her Wraparound Edition: TFYI 100 ACT 129; DI 130, 133; DIS 159; IL 136; SCB 122E; VL130		

OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.	layers are more likely to contain fossils resembling existing species than older rock layers.	(G)	ent Edition: 149 #18, 154-155, 162 Applying Skills 137 her Wraparound Edition: IM 156; TBI 122		
Earth's sur	3.4: Compare rapid and gradual changes to rface				
a.	Describe how energy from the Earth's interior causes changes to Earth's surface (i.e., earthquakes, volcanoes).	(E) (F) (M) (O)	ent Edition: 64 106-111, 121 #22, 123 #20, 126-127, 158-161 MiniLab 111 National Geographic 109 Science Online 108 Section Review 115 139 Integrate Earth Science 14 her Wraparound Edition: AS 67 A 111, 117; CC 113; LD 108; R 115; SCB 124E; TBI 96, 124 CC 28		

OBJECTI	IVES & INDICATORS	C	overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
b.	b. Describe how earthquakes and volcanoes	Student Edition:			
	transfer energy from Earth's interior to the surface (e.g., seismic waves transfer mechanical energy, flowing magma transfers	(E)	64		
	. •	(F)	106-111, 126-129, 130-137, 158-161, 162-169		
	nout and meenamear energy).		Get Ready to Read 126A-B		
			Launch Lab 125		
			MiniLab 160		
			Use the Internet Lab 116-117		
		(O)	Design Your Own Lab 26-27		
			Integrate Earth Science 14		
		Teac	her Wraparound Edition:		
		(F)	ACT 164; AIL 166; DI 128; IL 163; QD 159; TBI 124		
		(O)	CC 28; IL 14; TFYI 10		
c.	Model the process of energy buildup and	Stud	ent Edition:		
	release in earthquakes.	(F)	126-129, 130-137		
			Applying Math 143		
			Applying Skills 129		
			Get Ready to Read 126A-B		
			Launch Lab 125		
			National Geographic 132		
		(O)	Design Your Own Lab 26-27		
		Teac	her Wraparound Edition:		
		(F)	ACT 127, 128; TFYI 131		

OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
d.	Investigate and report possible reasons why the best engineering or ecological practices are not always followed in making decisions about building roads, dams, and other structures.	(E) (F) G)	ent Edition: 97, 98 78 67-68 Science and Society 116 The Nature of Science 2-5 You Do It 5 Time Science and Society 176 ther Wraparound Edition: DI 97; TFYI 98 DIS 74, 157; VL 78 CC 4; DIS 3; EX 4; SJ 2 D 176		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
e.		Stude	ent Edition:		
	major changes to Earth's surface.	(E)	109-110		
			Launch Lab 93		
			MiniLab 96		
		(F)	98-101, 114-115		
			Lab 105		
			National Geographic 109		
		(G)	69-74, 96-102, 107-108, 109-112		
		(L)	Integrate Environment 67		
		Teacl	her Wraparound Edition:		
		(E)	QD 109; TFYI 109		
		(F)	ACT 109; LD 108; TFYI 114;		
			V 109		
		(G)	CC 73; R 74		

Percentage of coverage in the student and teacher edition for Standard IV:			entage of coverage not in student lary material for Standard VI:		ered in the
OBJECTIVES & INDICATORS Objective 4.1: Investigate the transfer of energy through various materials.		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
	Relate the energy of a wave to wavelength.	Stud	ent Edition:		
		(F)	130-137		
		(H)	110-113		
			Lab 117		
			National Geographic 112		
		(J)	8-9		
			Applying Math 13		
		(O)	8, 13-14		
			Figure 8 14		
		Teac	her Wraparound Edition:		
		(F)	TPK 130		
		(H)	SCB 98F		
		(J)	IL 9		
		(O)	VL 14		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
b.	light, earthquake waves, heat) through various mediums.	Stude	ent Edition:		
		(F)	130-137		
			Integrate Physics 131		
		(H)	110-113		
			<i>Lab</i> 117		
			National Geographic 112		
		(J)	8-9		
			Get Ready to Read 8B		
		(M)	126		
			Integrate Life Science 135		
		(O)	9-12		
		Teacl	her Wraparound Edition:		
		(F)	DI 131; LD 134; QD 136		
		(H)	R 116; UAA 113; V 112		
		(M)	BI 124		
		(O)	AIL 26; D 9; DI 9; QD 10; SCB 6E; TFYI 10; TPK 8		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
c.	Describe the spread of energy away from an	Stude	ent Edition:		
	energy-producing source.	(F)	130-137, 142		
			Lab 138, 146-147		
			National Geographic 132		
		(H)	110-113		
			Lab 117		
			MiniLab 111		
		(J)	8-9		
		(O)	8-9, 13		
			Figure 1 8		
			Launch Lab 7		
		Teac	her Wraparound Edition:		
		(F)	CFU 137; DI 132; QD 142; USW 131		
		(H)	A 111; ACT 112		
		(O)	BI 6; CD 20; SCB 6E		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
d.	Compare the transfer of heat by conduction,	Stude	ent Edition:		
	convection, and radiation and provide	(E)	39, 41, 99		
	examples of each.		Lab 111		
			Lab: Model and Invent 116-117		
		(F)	111, 123 #20		
			MiniLab 111		
			Section Review 115		
		(I)	17-19, 21, 25, 31 #21, 33 #23		
			Applying Math 20		
			MiniLab 19		
		(J)	8-9		
		(M)	163-165		
			Figure 7 164		
			Mini Lab 165		
			Section 2 Review 167 #4, #6		
		Teac	her Wraparound Edition:		
		(E)	AS 117; DIF 39		
		(F)	A 111; R 115		
		(I)	CFU 20; DI 18; DIS 18; UAA 18; USW 18		
		(J)	TPK 8		
		(M)	AR 164; D 164; DI 165		

OBJECTIVES & INDICATORS		C	overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.		Stude	ent Edition:		
	into the visible color spectrum.	(O)	21		
			Figure 4 98		
			Lab 80		
		Teac	her Wraparound Edition:		
		(O)	A 98; As 80; QD 21; VL 21		
Objective gravity.	Objective 4.2: Examine the force exerted on objects by				
a.	Distinguish between mass and weight.	Stude	ent Edition:		
		(E)	Science Skill Handbook 160		
		(F)	Science Skill Handbook 192		
		(G)	Science Skill Handbook 192		
		(H)	Science Skill Handbook 164		
		(I)	MiniLab 13		
			Science Skill Handbook 132		
		(J)	Science Skill Handbook 142		
		(M)	44		
		Teac	her Wraparound Edition:		
		(G)	SCB 90E		
		(M)	DI 43		

OBJECTI	OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
b.	Cite examples of how Earth's gravitational	Stud	ent Edition:		
	force on an object depends upon the mass of the object.	(J)	MiniLab 79		
	the object.	(M)	43-44, 52		
		Teac	her Wraparound Edition:		
		(G)	SCB 90E		
		(J)	A 79; TS 79		
		(M)	A 45		
c.	Describe how Earth's gravitational force on an	Stud	ent Edition:		
	object depends upon the distance of the object	(M)	47		
	from Earth.		Integrate History 43		
		Teac	her Wraparound Edition:		
		(M)	D 46		
d.	Design and build structures to support a load.	Stud	ent Edition:		
		(F)	MiniLab 144		
		(K)	Design Your Own Lab 62-63		
			her Wraparound Edition:		
		(E)	AS 93		
		(F)	A 144; IL 47; R 145		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
e.	Engineer (design and build) a machine that	Stude	ent Edition:		
	uses gravity to accomplish a task.	(E)	97		
		(F)	MM 78		
		(J)	ACT 19		
		Teacl	her Wraparound Edition:		
		(E)	DIF 97		
		(M)	A 45; IL 110; MM 112		
	4.3: Investigate the application of forces that ects, and the resulting motion.				
a.	T	Stude	ent Edition:		
	a lever.	(M)	105		
			Applying Math 105		
			Figure 13 112		
		Teacl	her Wraparound Edition:		
		(M)	A 105		
b.	b. Engineer a device that uses levers or inclined		ent Edition:		
	planes to create a mechanical advantage.	(M)	Lab 103		
		` ′	her Wraparound Edition:		
		(M)	IL 110; MM 112		

OBJECTI	VES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	Engineer a device that uses friction to control the motion of an object.	Student Edition: (M) 196 Teacher Wraparound Edition: (M) FT 196		
d.	Design and build a complex machine capable of doing a specified task.	Making a display of a complex machine is discussed in the following references (M). Student Edition: (F) MM 78 (H) DI 102; IL 101; MM 20 (J) A 14; ACT 19; IL 80 (M) Chapter 4 Review 121 #27 Teacher Wraparound Edition: (M) IL 110 Identifying complex machines: (M) R 115		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.		Stude	ent Edition:		
	changes in forces and motion.	(F)	95 #21		
		(G)	Extra Try at Home Labs 199		
		(H)	42-43		
			Science Online 42, 45		
		(J)	15-17, 23		
			MiniLab 21		
		(M)	37-41, 43-48, 49-50, 52, 76, 80, 104-108		
			Figure 6 106		
			Figure 7 108		
			Lab 55		
			Mini Lab 40		
			Time Science and Society 58		
		(N)	Figure 5 11		
			Mini Lab 16		
		Teac	her Wraparound Edition:		
		(G)	DI 79; LD 100		
		(H)	MM 20		
		(I)	A 21; CD 16; DIS 16; LD 26; QD 16		
		(M)	As 40, 55, 108; D 39; DI 40; R 41; VL 106		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
•	4.4: Analyze various forms of energy and how				
	nisms sense and respond to energy.				
a.	1	Stud	ent Edition:		
	kinetic energy (e.g., a bouncing ball, a pendulum).	(G)	Integrate Physics 67		
	pendulum).	(M)	132		
			Figure 8 131		
			Figure 9 132		
			Mini Lab 133		
			Section 2 Review 137 #1		
		Teac	her Wraparound Edition:		
		(M)	As 133; BI 124; IM 124F,135; LD 132		
b.	Trace the conversion of energy from one form	Stud	ent Edition:		
	of energy to another (e.g., light to chemical to	(E)	20-21, 38, 50-53, 96-100		
	mechanical).		Lab 111		
			Lab: Model and Invent 116-117		
		(F)	66-75, 76-81, 95 #21, 130-131		
			National Geographic 132		
		(G)	Integrate Physics 67		
		(H)	135-137		
		(/	Integrate Life Science 47		

OBJECTI	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
b.	Continued from the cell above.	Conti	nued from the cell above.		
	Trace the conversion of energy from one form	Stude	ent Edition:		
	of energy to another (e.g., light to chemical to mechanical).	(M)	128-129, 133, 135-137		
	incomment).		Figure 10 133		
			Figure 12 135		
			Figure 14 136		
			Integrate Life Science 133		
			National Geographic 134		
			Section 2 Review 137 #3		
		Teacl	her Wraparound Edition:		
		(E)	AS 117; QD 52; TFYI 52; VL 97		
		(F)	IL 79; MM 78		
		(I)	IM 6F; SCB 6E		
		(M)	As 137, 138; D 135, 136; NG 134; QD 133; VL 133		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
c.	1	Stude	ent Edition:		
	types of energy.	(F)	Science Stats 148		
		(M)	128-129		
			Figure 12 135		
			Lab 138		
		(O)	Integrate Life Science 41		
		Teacl	her Wraparound Edition:		
		(F)	RE 141		
		(H)	DIS 92		
		(M)	CU 137; DI 135		
d.	Investigate and report the response of various	Stude	ent Edition:		
	organisms to changes in energy (e.g., plant	(H)	Integrate Career 138		
	response to light, human response to motion, sound, light, insect's response to changes in		Integrate Life Science 115		
	light intensity).	(I)	Integrate Life Science 37		
	2	(M)	Figure 12 135		
			Integrate Life Science 107, 133,		
		(O)	36, 54-55		
			Figure 22 54		
			Integrate Life Science 41		
			Mini Lab 97		
		Teacl	her Wraparound Edition:		
		(F)	IL 134; MM 140		
		(I)	DIS 73; SJ 40		
		(O)	As 97; D 37; TFYI 41; VL 54		

OBJECT	OBJECTIVES & INDICATORS		overage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✔
e.		Stude (F) (H) (J)	ent Edition: 133-137 Lab 138 MiniLab 135 Science Online 133 Integrate Career 108 The Nature of Science 2-5 You Do It 5 The Nature of Science 2-5 You Do It 5 8-13, 108, 122-123	(titles, pg #'s, etc.)	ancillaries 🗸
		(M) (O)	Integrate Career 51 Lab 14, 113 135 Time Science and Society 118 41, 45, 72-73, 83, 114-116 Applying Science 42 Design Your Own Lab 26-27 Integrate History 115 Oops! Accidents in Science 120		

OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)		Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
Investigate developed types of en	d from the cell above. te and describe how engineers have d devices to help us sense various energy (e.g., seismographs, s, telescopes, hearing aids).		nued from the cell above. ner Wraparound Edition: IL 134 ACT 4 DI 9; SCB 6E; SJ 11 CB 118 CB 120; CC 83; D 115, 120; DI 74; MM 115		